## AMENDMENTS

**In the Claims:**

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A display device displaying a color image made of a plurality of color components, comprising:

a plurality of pixels for each of the color components; and

a γ-correction voltage switching circuit for sequentially outputting independently generated γ-correction voltages for each of the color components, the independently generated γ-correction voltages being supplied to a corresponding DA converter for γ-correction as a reference voltage of the DA converter,

wherein the pixels are configured to sequentially receive γ-corrected display signals for each of the color components through the DA converters for displaying the color image.

2. (Currently Amended) A display device displaying a color image made of a plurality of color components, comprising:

a plurality of pixels for each of the color components;

a plurality of DA converters for γ-correction, each of the DA converters outputting a voltage to a predetermined number of the pixels;

a γ-correction voltage switching circuit for sequentially correcting the voltages outputted to the pixels independently for each of the color components, the γ-correction voltage switching circuit supplying γ-correction voltages to the DA converters as a first reference voltage; and

a switching circuit provided for each set of the predetermined number of the pixels, the switching circuit receiving the voltage to be corrected by the γ-correction voltage switching circuit and outputted by the corresponding DA converter and sequentially supplying the outputted voltage as a γ-corrected voltage selectively to one of the set of the predetermined number of the pixels for each of the color components.

3. (Currently Amended) The display device of claim 2, wherein each of the DA converter outputting converters outputs the voltage as a voltage divided by a resistance string

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between [[a]] the first reference voltage and a second reference voltage and the γ-correction voltage switching circuit modifies the first and second reference voltages.

4. (Previously Presented) The display device of claim 2, further comprising a register provided for each set of the predetermined number of the pixels, the register storing display signals corresponding to the color components and outputting the display signals in a time sequence corresponding to the time sequence of the switching circuit.

5. (Original) The display device of claim 3, wherein the γ-correction voltage switching circuit comprises a black reference voltage generating circuit outputting three different black reference voltages and a switching element outputting one of the three black reference voltages in response to a selection signal, and the first reference voltage comprises the output voltage of the switching element.

6. (Original) The display device of claim 3, wherein the γ-correction voltage switching circuit comprises a white reference voltage generating circuit outputting three different white reference voltages and a switching element outputting one of the three white reference voltages in response to a selection signal, and the second reference voltage comprises the output voltage of the switching element.

7. (Currently Amended) A γ-correction method of a display device displaying a color image made of a plurality of color components, comprising:

receiving display signals corresponding to the color components;

generating a γ-correction voltage for each of the color components;

sequentially performing a γ-correction on the display signals independently for each of the color components by performing a DA conversion using a corresponding γ-correction voltage as a reference voltage; and

sequentially writing the γ-corrected display signals for each of the color components.